(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 30 June 2005 (30.06.2005)

PCT

(10) International Publication Number WO 2005/058716 A1

(51) International Patent Classification7: B65D 8/04, 25/42

(21) International Application Number:

PCT/EP2004/013215

(22) International Filing Date:

22 November 2004 (22.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(**30**) **Priority Data:** 03257941.9

17 December 2003 (17.12.2003) EF

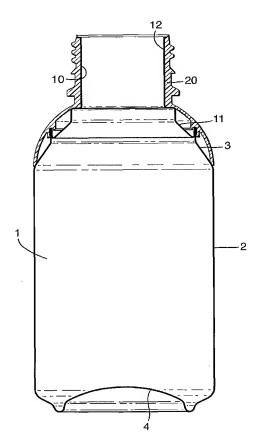
(71) Applicant (for AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CY, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, SZ, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ,

VC, VN, YU, ZA, ZM, ZW only): CROWN PACKAGING TECHNOLOGY INC [US/US]; 11535 S.Central Avenue, ALSIP, Illinois 60803-2599 (US).

- (71) Applicant (for LS only): CROWN PACKAGING UK PLC [GB/GB]; Downsview Road, Wantage Oxfordshire OX12 9BP (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DUNWOODY, Paul, Robert [GB/GB]; 3 Witan Way, Wantage Oxfordshire OX12 9YA (GB). MARRIOTT, Philip, Alan [GB/GB]; 16 Wayland Road, Wantage Oxfordshire OX12 0BH (GB). NAYAR, Sudesh, Kumar [GB/GB]; 4 St Helens View, Swindon Wiltshire SN1 4JN (GB). PAVELY, Andrew, Philip [GB/GB]; "Robin Hood", Back Lane, Swindon Wiltshire SN26 7BJ (GB).
- (74) Agent: RATLIFF, Ismay, Hilary; CROWN Packaging UK PLC, Downsview Road, Wantage Oxfordshire OX12 9BP (GB).

[Continued on next page]

(54) Title: RECLOSABLE METAL CONTAINER



(57) Abstract: A reclosable metal container in the style of a bottle-shaped can has a conventional can body (1) of steel or aluminium to which a metal neck component (10) is seamed. A sleeve (20) of plastics fits over the neck component and a detent (21) inside the sleeve clips it onto the seam. The upper edge of the sleeve is fixed in place by a curl (15) on the upper edge of the neck component. By using a separate neck component and hiding the seam under a sleeve, conventional sizes and material gauges can be used for the can body. Thicker material may be used for the neck component in order to withstand necking forces. Threads (25) for closing the container are provided on the sleeve.

WO 2005/058716 A1

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.